

The background of the advertisement is a photograph of an aquaculture facility at night. Several large, rectangular fish tanks are visible, each illuminated from within by a bright blue light. The tanks are arranged in rows, and their reflections are visible on the water surface. In the background, there are snow-covered mountains under a dark sky. The overall color palette is dominated by blues and whites, creating a cool, high-tech atmosphere.

PHILIPS

Aquaculture LED

GrowWise control system

The right amount of light all the time

Datasheet

The Philips GrowWise aquaculture control system is designed to support fish farms in optimizing growing fish under unpredictable, harsh circumstances. It enables complete control and monitoring for your lighting system, enables smooth dimming and slow light transition. With the ability to control the light output to mimic natural behavior, the Philips GrowWise aquaculture control system reduces stress on the fish and prevents loss of appetite.

The Philips GrowWise aquaculture control system supports daylight harvesting, so farmers can make the most of the natural light and achieve more efficient use of LED fish grow lights. The system will detect weather change, adjust the light output, and ensure the fish get all the light they need. It is an excellent solution for basic indoor applications with energy-saving benefits, makes LED lighting even more efficient.

Key benefits

- Fully control the light to mimic natural behavior
- Manage individual light points and receive actual light performance feedback
- Enable smooth dimming and slow light transition
- Allow daylight harvesting and energy saving

Fully controllable

The wireless communication standard automatically detects connected and luminaires, optimizing your lighting system’s installation and maintenance by giving feedback on light performance. A user-friendly dashboard of Philips GrowWise aquaculture control system provides a complete view of the installation and gives you real-time insights into the lights’ status. With the simple interface, you can set light recipes optimizing the photoperiod benefits to the max.

Philips GrowWise aquaculture control system has been designed to securely monitor and control individual light points to get actual feedback on the light performance and make sure the fish gets the right amount of light. The system allows to schedule and adjusts light levels on demand to optimize the LED fish grow lights and achieve energy efficiency.

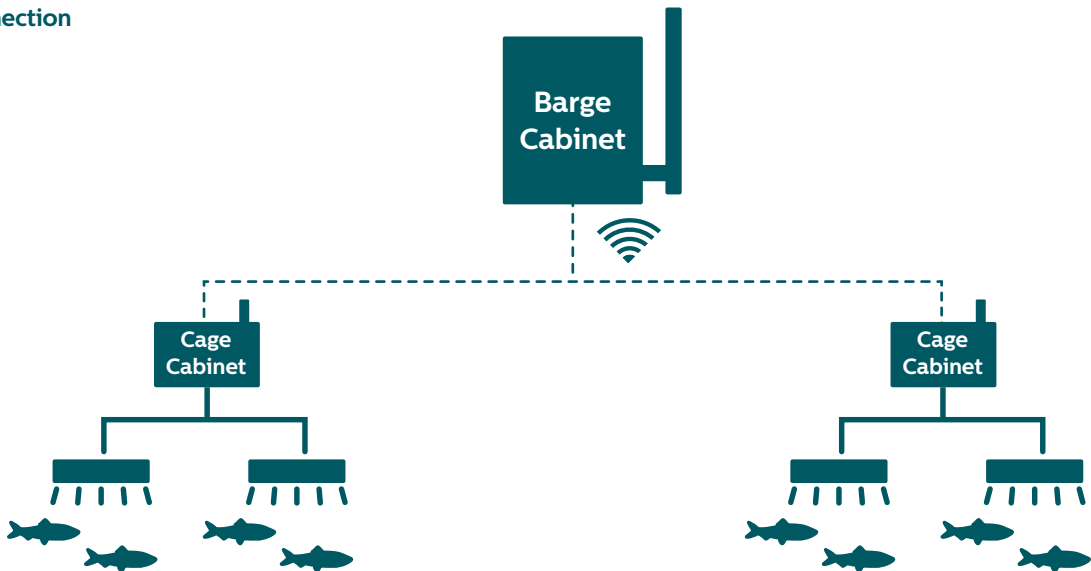


Specifications

Type	Barge cabinet (per site)	Cage cabinet
Product code	929002100347	929002100348
Ingress protection	IP67	IP67
Mechanical impact protection	IK08	IK08
Dimensions	310 x 165 x 200 mm, antenna: 544 mm	325 x 230 x 165 mm, antenna: 100 mm
Weight	4 kg	3.3 kg
Power input	100-240Vac 50/60hz	120-240Vac 50/60hz
Power connection	Typical 10W, max 28W	Max 114W
Wireless	5.2-5.8 GHz	5.2-5.8 GHz
	Max wireless distance 3500m line of sight over water	DALI 2 x 1.5mm
	User interface Web-based control interface	
Wired network connection	RJ-45	

Philips GrowWise Aquaculture Control System include barge cabinet and cage cabinet. Each cabinet can be ordered individually for replacement or extension usage.

Network connection



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